

DigitalPersona® Pro for Active Directory®

Fingerprint-Based Authentication for Windows® Networks

Enterprises benefit through significantly tightened security, increased productivity and compliance.

Administrators benefit through reduced help desk calls, fast deployment and use of existing infrastructure.

Users benefit from the convenience of not having to remember, update and manage multiple passwords.

DigitalPersona Pro Delivers:

- **Secure and convenient logon to PCs, domains, applications and Web sites.**
- **An alternative to passwords, tokens, and smart cards.**
- **Single sign-on without plug-ins or development for each application.**
- **Powerful, centrally-managed authentication solution using existing infrastructure.**
- **Use of Windows Active Directory for policies, management and deployment.**

Password Management Dilemma

With the ever-growing focus on security, enterprises are spending countless hours and dollars on network and application protection, yet they are still vulnerable.

With users sharing passwords, writing them down or utilizing the same password for multiple applications, users easily compromise security. Enterprises are finding that they can identify 80% of their user's passwords using commonly-available password cracking software. Even with password alternatives, users can still lose smart cards or tokens, or forget their PINs.

User authentication remains one of the weakest links in the security chain and a costly risk for users and IT staff.

DigitalPersona Pro

DigitalPersona Pro revolutionizes password management by delivering security with convenience through the use of fingerprints. Unlike other authentication methods, fingerprints provide an identifier unique to each person that cannot be lost or utilized by others.

The Windows-based client-server solution of DigitalPersona Pro replaces:

- Passwords
- Tokens
- Smart cards

for Windows-, domain-, application-, and Web page- logons with the simple use of a fingerprint.

Single sign-on is implemented without the need for plug-ins or development for each application.

And all data is centrally managed and stored using existing tools, providing a scalable solution for organizations large and small.

Ease and Cost of Deployment

DigitalPersona Pro easily and quickly integrates into Microsoft Windows-based networks by leveraging existing Windows infrastructure. DigitalPersona Pro Server installs onto Windows domain controllers and then uses Windows Active Directory to:

- Store user authentication data
- Use existing access policies
- Provide application and policy management
- Provide load balancing and failover

Doing so, eliminates the need to:

- Purchase new, dedicated servers
- Duplicate user data
- Learn new management applications
- Replicate network-wide policies

Return on Investment

Enterprises of any size requiring secure access to sensitive, valuable information realize immediate benefits from Digital Persona's secure authentication solution by:

- Improving security at the desktop by eliminating the inherent weaknesses of password- and PIN-based security.
- Decreasing help desk calls and enabling IT staff to focus on more critical projects instead.
- Increasing user productivity by decreasing wasted time looking for and resetting lost passwords.

Regulation Compliance

Use of fingerprints also provides a means of user-unique audit trails for regulation compliance:

- HIPAA
- Sarbanes-Oxley
- Gramm-Leach-Bliley Act
- NIST/GSA National Information Assurance Partnership (NIAP)
- GSA Common Access Card (CAC)
- NIST FIPS 201



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FEATURES

One Touch® Logon

Increases security and convenience by adding fingerprint-based authentication to Windows logon. One Touch Logon allows users to log on to Windows with a fingerprint in addition to, or as an alternative to, their Windows credentials such as a password or a smart card. One Touch Logon replaces the standard Windows logon dialog box and guides users through providing the required credentials. It also allows users to quickly lock and unlock their computers using the credentials specified by the logon settings.

One Touch SignOn

Simplifies and secures access to password-protected, third-party software programs and Web sites. Just touch the fingerprint reader to automatically and securely fill in all logon fields, such as username and password fields, on any Web site or Windows logon screen. One Touch SignOn administration and application policy settings are used to create and deploy One Touch SignOn templates, which specify information for logon screens.

One Touch SignOn third-party support includes Java and terminal-based applications. No plug-ins or application server-specific development is necessary. Support includes:

- Microsoft Windows applications
- Web applications
- Mainframe systems and applications, including: IBM AS/400 (5250), IBM OS/390 (3270), and Unix Telnet
- VPNs, including Cisco and Check Point
- Citrix clients, including support for DOS 32-bit, NFuse, and Java

One Touch Internet

Provides users with many of the capabilities of One Touch SignOn for personal Web accounts through an easy-to-use wizard.

SPECIFICATIONS

System Security

Server-Based Authentication

Data Encryption

- User data (passwords, fingerprints)
- Client-server communication
- 128-bit RSA RC4 stream encryption

Data Signature

- User data (passwords, fingerprints)
- 1024-bit RSA signature

Data Access Control

DigitalPersona Pro Server

Database Support

- Windows Active Directory
- Windows user record extension
- Schema extension utility
- Access control

Fault Tolerance

- System data replication
- Using Active Directory replication services
- Automatic failover

Scalability

- Up to 100,000 users per network
- Up to 1,000 users per Pro Server
- Load balancing between Pro Servers

Management

- Native Windows management via Group Policy Object (GPO) editor integrated with Active Directory

Administrator Access Rights

- Supports Windows Server delegated administration

Security Settings

- Cached credentials
- Authentication policies
- Server authentication
- Fingerprint False Accept Rate (FAR) settings

Performance Settings

- Logon identification list
- Maximum fingers per user

Registration

- Attended registration
- Self-registration

Auditing

- Centralized audit logs
 - Domain-wide support
- All authentication and user record modification events logged in Windows Event Log

DigitalPersona Pro Workstation

Windows Logon

- Logon to local PC and domain accounts
- User identification/authentication

Application Logon

Logon to Applications

- Fingerprint verification of current Windows user
- Supports Windows logon screens
- Web site logons
- No scripting or programming required

Remote Installation

- Supports MSI-compatible installers
- Supports Windows 2000, 2003 GPO installation

Deployment Options

- Standalone desktop PC
- Networked desktop PC
- Networked PC with Server
- Laptop PC (docked/undocked)
- IBM/Lenovo ThinkPad notebook with embedded fingerprint swipec reader

Biometric Software Features

- Fingerprint recognition engine
- Local- or server-based authentication

REQUIREMENTS

DigitalPersona Pro Server Software*

- PC with Pentium Processor
- Microsoft® Windows 2003 Server™ or 2000 Server (Standard Server and Enterprise Server only. Pro Server does not support Small Business Server.)
- Microsoft Windows 2003 Server or 2000 Server Active Directory
- 10 MB of available hard disk space
- Additional 1K-5K hard disk space per user

*Installs on Windows Domain Controller

DigitalPersona Pro Workstation Software

- PC with Pentium 233MHz or higher
- Microsoft Windows 98*, Me*, NT 4.0, 2000, XP
- 128 MB of RAM or above
- 52 MB of available hard disk space
- CD-ROM drive for installation
- Microsoft Internet Explorer 6 browser or later**

*Requires Windows Active Directory Client for Windows 98.

**When using One Touch SignOn and One Touch Internet

Supported Readers

- DigitalPersona U.are.U
- IBM/Lenovo ThinkPad notebook with embedded fingerprint swipec reader

ORDERING INFORMATION

- DigitalPersona Pro Server
- DigitalPersona Pro Workstation Reader Package
- DigitalPersona Pro Workstation Keyboard Package
- DigitalPersona Pro Workstation Client Software
- DigitalPersona Pro SDK

Maintenance and Support agreements available through authorized reseller or contact Digital Persona Sales Support at 1 800.378.2738 (US) or +1 650.474.4000 for more information.

Technical assistance available through authorized reseller or through Digital Persona Technical Support online at www.digitalpersona.com/support.